DOCUMENT RESUME

ED 369 792 TM 020 746

TITLE	Algebra Tests. Annotated Bibliography of Tests.
INSTITUTION	Educational Testing Service, Princeton, N.J. Test Collection.
PUB DATE	Aug 91
NOTE	31p.; Supersedes March, 1990 edition.
PUB TYPE	Reference Materials - Bibliographies (131)
EDRS PRICE	MF01/PC02 Plus Postage.
DESCRIPTORS	*Achievement Tests; *Algebra; Annotated Bibliographies; Basic Skills; Cognitive Tests; *Diagnostic Tests; Higher Education; Mathematics Achievement; *Mathematics Tests; Secondary Education; Student Evaluation
IDENTIFIERS	Test Bibliographies; Test Collection (Educational Testing Service)

ABSTRACT

The 52 tests cited in this bibliography are geared to students in grade 7 and above. This bibliography also includes descriptions of item banks and test batteries in which algebra is one of several subjects being assessed. Although grades 1 through 12 are represented, the tests are primarily designed for grades 7 and above, including adult-level. This document is one in a series of topical bibliographies from the Test Collection (TC) at Educational Testing Service (ETS) containing descriptions of more than 18,000 tests and other measurement devices prepared by commercial publishers, teachers, educational institutions, professional associations, departments of education, counselors, etc. Each description contains the following basic information: TC Accession Number (a six-digit identification number assigned by the Test Collection); the title of the instrument; personal or institutional author; year of publication or copyright; availability source; grade level for which test is suitable; age level for which test is suitable; and abstract. Other information, which is provided when known, includes subtests, number of test items, and time required to complete the test. Information on accessing the Test Collection via Internet concludes the document. (RMB)

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ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

ALGEBRA TESTS

ED 369 792

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Princeton, New Jersey

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TEST COLLECTION
EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

ALGEBRA
AUGUST 1991

SUPERSEDES MARCH, 1990 EDITION

INTRODUCTION

Scope of Bibliography

Many of the tests described here are geared to students in grade 7 and above. This bibliography also includes descriptions of item banks and test batteries in which algebra is one of several subjects being assessed.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

AN ACCESSION NUMBER: TC017475 ETS 9004.
TI TITLE: Algebridge
AU AUTHOR: Educational Testing Service, Princeton, NJ; The College Board, New York, NY.
YR YEAR: 90.
AV AVAILABILITY: Janson Publications, Inc.; Department B93M, P.O. Box 860, Dedham, MA 02027-0860.
GL GRADE LEVEL: 9-12, ADULTS.
AB ABSTRACT: This assessment and supplementary curriculum is designed to assist students in making the change from arithmetic to algebra. It focuses on concepts needed in studying algebra,but not stressed in arithmetic instruction. Progresses from concrete to abstract thinking and diagnoses and corrects errors in thinking rather than errors in computation. Emphasizes development of concepts and abilities rather than memorization of algorithms. The assessment component is used prior to discussion and instruction and as a followup to determine whether concepts are understood. Algebridge can be used as a supplement in pre-algebra and algebra courses, for remedial work or developmental mathematics, and in teacher training. The assessment covers word problem attack, concepts of variables, concepts of equality and inequality, operations on equations and inequalities. fractions in expressions and equations, constructing numerical equations, meaning of negative numbers, pattern recognition and proportional reasoning. Assessments are included with each unit.

AN ACCESSION NUMBER: TC016682 ETS 9004.
TI TITLE: Eds Diagnostic Skill Level Inventory for Mathematics, Revised.
DT SUBTESTS: Arithmetic; Measurement; Number Relationships; Data Analysis; Algebra; Geometry.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 88.
AV AVAILABILITY: Educational Diagnostic Services, Inc.; 2370 County Road 13; Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90.
ITEMS: 56.
AB ABSTRACT: Diagnoses mathematics skills of adult students. Individual must demonstrate ability to employ proper mathematical procedures in computing practical problems. Inventories parallel the type of questions and skills which are required for the Mathematics subtest of the General Eduational Development (GED) test. Contains a Pre-Instructional and Post-Instructional Inventory in a multiple-choice format.

AN ACCESSION NUMBER: TC016591 ETS 9004.
TI TITLE: National Proficiency Survey Series, Algebra 2.
DT SUBTESTS: Basic Concepts; Real Number System; Inequalities/Graphing; Solution Sets; Lines and Linear Equations; Factor Polynomial Equations; Quadratic Equations/Functions; Linear and Quadratic Systems; Rational Equations; Irrational Expressions; Conic Sections; Number Series; Logarithms and Exponential Equations; Central Tendency.
AU AUTHOR: Scannell-Dale-P.
YR YEAR: 89.
AV AVAILABILITY: Riverside Publishing Company; 8420 Bryn Mawr Avenue, Chicago, IL 60631.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; approx.
ITEMS: 39.
AB ABSTRACT: Comprehensive evaluation of student proficiency in high school courses. Designed to meet normative and criterion-referenced testing requirements of selected departments of an individual school. Emphasizes current high school curriculum and measures what is taught. May be administered at beginning or end of course or both. Algebra 2 measures an understanding of real numbers and polynomials, the solving of linear, quadratic, and trigonometric equations; and the graphing of functions.

AN ACCESSION NUMBER: TC016590 ETS 9004.
TI TITLE: National Proficiency Survey Series, Algebra I.
DT SUBTESTS: Basic Concepts; Exponents and Variables; Perform Operations with Real Numbers; Solve Equations; Algebraic Expressions/World Problems; Solve Inequalities and Graph Solution Sets; Computations with Polynominals; Factor Algebraic Expressions; Fractional/Proportional Ratio Equations; Graph and Solve Linear Equations; Function Values and Line Equations; Rational Expressions; Problems with Fractional Numbers; Quadratic Equations/Rational Square Roots; Central Tendency; Probability, and Graphs.
AU AUTHOR: Scannell-Dale-P.
YR YEAR: 89.
AV AVAILABILITY: Riverside Publishing Company; 8420 Bryn Mawr Avenue, Chicago, IL 60631.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; approx.
ITEMS: 39.
AB ABSTRACT: Comprehensive evaluation of student proficiency in high school courses. Designed to meet normative and criterion-referenced testing requirements of selected departments of an individual school.

Emphasizes current high school curriculum and measures what is taught. May be administered at beginning or end of course or both. Algebra I measures understanding of real numbers and variables and their operations in equations and inequalities.

AN ACCESSION NUMBER: TC016258 ETS 8908.
TI TITLE: Enhanced ACT Assessment.
DT SUBTESTS: English Test; Mathematics Test; Reading Test; Science Reasoning Test.
AU INSTITUTIONAL AUTHOR: American College Testing Program, Iowa City, IA.
YR YEAR: 89.
AV AVAILABILITY: American College Testing Program; P.O. Box 168; Iowa City, IA 52240.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 175.
AB ABSTRACT: This is a revision of the ACT Assessment, a testing program designed to help colleges and students make decisions about college admission. Changes in the content of the cognitive tests are said to reflect changes in high school curriculum. The following subscores will be reported: English Usage/Mechanics; *Rhetorical Skills; *Pre-Algebra/Elementary Algebra; *Intermediate Algebra/Coordinate Geometry; *Plane Geometry/Trigonometry; *Arts/Literature (Reading); Social Studies/Sciences (Reading); *Science Reasoning; Composite Score. Asterisked subscores are new. The program includes an educational/biographical and an interest inventory.

AN ACCESSION NUMBER: TC016067 ETS 8904.
TI TITLE: Descriptive Tests of Mathematics Skills, Revised.
DT SUBTESTS: Arithmetic Skills; Elementary Algebra Skills; Intermediate Algebra Skills; Functions and Graphs (Calculus Readiness).
AU INSTITUTIONAL AUTHOR: The College Board, New York, NY.
YR YEAR: 88.
AV AVAILABILITY: Multiple Assessment Programs and Services; Educational Testing Service, P.O. Box 6725; Princeton, NJ 08541-6725.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 120.
ITEMS: 130.
AB ABSTRACT: The DTMS is designed for use by two- and four-year colleges for both large scale and individual screening of entry-level students in basic academic competencies. Provides information for decisions regarding student placement and remediation, determination of effects of instructional programs, identification of students needing further testing, counseling for course selection. Support materials include instructor's guide with follow-up activities for remediation. Parallel forms for posttesting to assess mastery and outcomes are available. Self-scoring answer sheets are available. Microcomputer scoring will be available in Spring, 1989.

AN ACCESSION NUMBER: TC015938 ETS 8901.
TI TITLE: MAA Placement Test Program, High School-Intermediate, HS-I.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 83.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: 11.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Prognostic mathematics test. Designed to test high school juniors and give projected placement in college mathematics. Purpose is to make students aware of any weaknesses in their mathematical skills while there is still time to take corrective action before entering college. Test is constructed around the Basic Algebra Test, BA, by adding seven items in arithmetic and basic skills. The additional items in High School-Intermediate (HS-I) are more difficult than those in High School-Elementary (HS-E). HS-I should be given to students who have completed or are taking Algebra II.

AN ACCESSION NUMBER: TC015937 ETS 8901.
TI TITLE: MAA Placement Test Program, High School-Elementary, HS-E.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 83.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: 11.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Prognostic mathematics test. Designed to test high school juniors and give projected placement in college mathematics. Purpose is to make students aware of any weaknesses in their mathematicsl skills while there is still time to take corrective action before entering college. Test is constructed around the Basic Algebra Test, BA, by adding seven items in arithmetic and basic skills. The additional items in High School-Intermediate (HS-I) are more difficult than those in High School-Elementary (HS-E). HS-E is more appropriate for the less advanced students.

AN ACCESSION NUMBER: TC015933 ETS 8901.
TI TITLE: MAA Placement Test Program, Basic Algebra Test, BA.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.

AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 30.
ITEMS: 25.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 25 questions from elementary and intermediate algebra. Two parallel forms are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively.

AN ACCESSION NUMBER: TC015932 ETS 8901.
TI TITLE: MAA Placement Test Program, Basic and Advanced Algebra Test, A.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 32 questions from elementary, intermediate, and college algebra. Two parallel forms are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively.

AN ACCESSION NUMBER: TC015931 ETS 8901.
TI TITLE: MAA Placement Test Program, Advanced Algebra Test, AA.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 30.
ITEMS: 25.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 25 questions from intermediate and college algebra. Two parallel forms are available.

Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively.

AN ACCESSION NUMBER: TC015768 ETS 8901.
TI TITLE: College Level Academic Skills Test.
DT SUBTESTS: Reading; Writing; Essay; Computation.
AU INSTITUTIONAL AUTHOR: Florida State Department of Education, Tallahassee.
YR YEAR: 84.
AV AVAILABILITY: College Level Academic Skills Project; State of Florida, Department of Education, 116 Knott Building, Tallahassee, FL 32399.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: Designed to measure college level communication skills that students should have attained by the end of the sophomore year, and college level computation skills. This achievement test consists of subtests in essay, writing, reading, and computation. Each subtest has one score. In the State of Florida a passing score must be attained on all four subtests before an associate's degree is awarded. Content includes: critical and literal comprehension in both reading and listening; multiple-choice writing skills and an essay; speaking skills; problem solving and concepts in arithmetic, geometry and measurement, algebra, statistics, including probability, and logical reasoning. Not available for purchase. Special arrangements for use by others are at the discretion of CLAST officials.

AN ACCESSION NUMBER: TC015553 ETS 8807.
TI TITLE: EDS GED Practice Test: Mathematics.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 87.
AV AVAILABILITY: Educational Diagnostic Services; 2370 County Road 13, Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 400.
AB ABSTRACT: These tests are part of a course of study taken by adult students who are preparing to take the General Educational Development Tests (GED) in order to qualify for a high school equivalency certificate or diploma. Each of the power tests is to be used following completion of designated lessons in the student textbook. The tests are divided into developmental sections and GED-type questions. The lessons and tests cover basic mathematics skills, algebra, geometry, and the use of mathematical skills to solve problems. Each test should be completed in 50 minutes or less or else the section should be restudied and the test readministered.

AN ACCESSION NUMBER: TC015489 ETS 8807.
TI TITLE: High School Subject Tests: Pre-Algebra, Form B-1.
AU AUTHOR: Wick-John-W; Gatta-Louis-A.
YR YEAR: 88.
AV AVAILABILITY: American Testronics; P.O. Box 2270; Iowa City, IA 52244-9990.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; Approx.
ITEMS: 40.
AB ABSTRACT: Two equivalent forms A and B allow pre- and posttest analyses of individuals, classes, or specific groups for grades 9 through 12. Tests are both norm-referenced and criterion-referenced. Can be used as an end-of-course assessment to measure students' knowledge of Pre-Algebra or as a pre-assessment to measure students' knowledge prior to formal course of study of Pre-Algebra.

AN ACCESSION NUMBER: TC015478 ETS 8807.
TI TITLE: High School Subject Tests: Algebra, Form B.
AU AUTHOR: Wick-John-W; Gatta-Louis-A.
YR YEAR: 88.
AV AVAILABILITY: American Testronics; P.O. Box 2270; Iowa City, IA 52244-9990.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; Approx.
ITEMS: 40.
AB ABSTRACT: Two equivalent forms A and B allow pre- and posttest analyses of individuals, classes, or specific groups for grades 9 through 12. Tests are both norm-referenced and criterion-referenced. Can be used as an end-of-course assessment to measure students' knowledge of Algebra or as pre-assessments to measure students' knowledge prior to formal course of study of Algebra.

AN ACCESSION NUMBER: TC015477 ETS 8807.
TI TITLE: High School Subject Tests: Advanced Algebra, Form B-1.
AU AUTHOR: Wick-John-W; Gatta-Louis-A.
YR YEAR: 88.
AV AVAILABILITY: American Testronics; P.O. Box 2270; Iowa City, IA 52244-9990.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 40; Approx.
ITEMS: 40.
AB ABSTRACT: Two equivalent forms A and B allow pre- and posttest analyses of individuals, classes, or specific groups for grades 9 through 12. Tests are both norm-referenced and criterion-referenced.

Can be used as an end-of-course assessment to measure students' knowledge of Advanced Algebra or as pre-assessments to measure students' knowledge prior to formal course of study of Advanced Algebra.

AN ACCESSION NUMBER: TC015410 ETS 8802.
TI TITLE: Academic Proficiency Test.
DT SUBTESTS: Reading Test; Writing Test; Mathematics Test; Critical Thinking.
AU INSTITUTIONAL AUTHOR: American Council on Education, Washington, DC.
YR YEAR: 87.
AV AVAILABILITY: American College Testing Program; P.O. Box 168; Iowa City, IA 52240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 60.
AB ABSTRACT: Designed to assess students' level of proficiency in skills that could be expected of graduates of associate degree programs. May be used with entering freshmen, at the end of sophomore year for intervention purposes, or for transfer students from community colleges. The reading test focuses on comprehension. The mathematics test emphasizes quantitative reasoning in pre-algebra, algebra, coordinate geometry, and statistics. Critical thinking covers clarifying, analyzing, evaluating and extending an argument. The writing test involves a direct sample. The configuration of the test may change following field-testing, Spring '88.

AN ACCESSION NUMBER: TC015408 ETS 8802.
TI TITLE: CLEP Education Assessment Series, Mathematics.
AU INSTITUTIONAL AUTHOR: The College Board, New York, NY.
YR YEAR: 88.
AV AVAILABILITY: The College Board; 45 Columbus Avenue, New York, NY 10023-6992.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 45.
AB ABSTRACT: The Education Assessment Series (EAS) examinations are designed to measure how much students are learning in general education areas in the first two years of college and how they compare with students at other institutions. Two equated forms of each test are available for use at college entry and at the end of sophomore year. The Mathematics test assesses students' ability in mathematical skills and elementary concepts that are normally included in a college mathematics course for non-majors or others that do not require knowledge of advanced mathematics. Multiple

choice questions cover quantitative skill in arithmetic, elementary algebra, geometry, data interpretation, elementary concepts in sets, logic, real number system, functions and graphs, probability and statistics.

AN ACCESSION NUMBER: TC015051 ETS 8710.
TI TITLE: End-of-Course Tests: Algebra.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
YR YEAR: 86.
AV AVAILABILITY: CTB/McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 45.
ITEMS: 42.
AB ABSTRACT: Designed to measure the subject matter taught in certain junior and senior high school courses. Tests can be used to supplement or substitute for basic skills achievement testing at these levels. There are nine different end-of-course tests, one in each of the following areas: algebra, geometry, physics, chemistry, biology, world history, American history, computer literacy, and consumer economics. Tests represent the most commonly taught curricula in a one-year course in each of these subject areas. Normative data were derived from national reference groups who had completed a course in the content area. Algebra test includes items that measure the ability to perform fundamental operations of algebra, to solve linear equations and inequalities and simple quadratics, and to distinguish between real and imaginary numbers.

AN ACCESSION NUMBER: TC014793 ETS 8609.
TI TITLE: MAPS: College Entry Level Assessment.
DT SUBTESTS: English; Mathematics; Reading; Written English Expression; Computation; Applied Arithmetic; Elementary Algebra; Intermediate Algebra; Test of Standard Written English; Scholastic Aptitude Test; Biology; Chemistry; English Composition; French Reading; German Reading; Mathematics Level 1; Physics; Spanish Reading; Mathematics Level 2.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
AV AVAILABILITY: Multiple Assessment and Program Services of the College Board; P.O. Box 6725, Princeton, NJ 08541-6725.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: This series of tests is for use by colleges, for admissions, placement of students, remedial or developmental studies, exemption, guidance and counseling. Some of the tests are drawn from the national Admissions Testing Program, including the Test of Standard Written English, Scholastic Aptitude Test and

Achievement Tests. Some are self-scoring (English, Mathematics). The tests are in three levels of difficulty: somewhat less difficult than typical entry-level tests; standardized four-year college entry level: advanced preparation for college work.

AN ACCESSION NUMBER: TC014529 ETS 8605.
TI TITLE: Test of Cognitive Style in Mathematics.
DT SUBTESTS: Mental Computation; Arithmetic; Geometry/Visual; Algebra.
AU AUTHOR: Bath-John-B; And Others.
YR YEAR: 86.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 6; 7; 8; 9; 10; 11; 12; Higher Education.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES:
TIME: 20; approx.
ITEMS: 20.
AB ABSTRACT: Designed to identify the cognitive-perceptual style of the subject's mathematics problem solving skills. Gives information on how subject solves mathematics in four areas: mental computation, arithmetic, geometry/visual, and algebra. Test is a power test and is therefore untimed. It is individually administered. Assesses individual's problem solving style on a continuum from the intuitive Gestalt thinker to one who solves problems in a logical sequential manner and is stimulus bound.

AN ACCESSION NUMBER: TC014359 ETS 8602.
TI TITLE: Computerized Placement Test: Elementary Algebra.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJNew Jersey Dept. of Higher Education, Trenton.
YR YEAR: 86.
AV AVAILABILITY: College Board; Computerized Placement Tests, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
NT NOTES:
ITEMS: 12.
AB ABSTRACT: A computerized adaptive testing program designed as a basic skills assessment program primarily to help determine college freshmen placement in entry-level courses. Combines two factors: use of microcomputers for test administration and Item Response Theory (IRT) which allows those who construct tests to predict test item difficulty level with high reliability and accuracy. Questions each student answers are based on the student's performance while taking the test. The 12 questions are drawn from three categories: operations with integers and rationals, operations with algebraic expressions, and solution of equations, inequalities, and word problems.

AN ACCESSION NUMBER: TC014314 ETS 8602.
TI TITLE: Kaufman Test of Educational Achievement, Comprehensive Form.
DT SUBTESTS: Mathematics Applications; Reading Decoding; Spelling; Reading Comprehension; Mathematics Computation.
AU AUTHOR: Kaufman-Alan-S; Kaufman-Nadeen-L.
YR YEAR: 85.
AV AVAILABILITY: American Guidance Service; Publishers Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 75; approx.
ITEMS: 280.
AB ABSTRACT: Individually administered test of school achievement. The comprehensive form offers reliable scores in the specific domains of reading decoding, reading comprehension, mathematics applications, mathematics computation, and spelling. In addition to offering norm-referenced measurement in selected achievement domains, this form offers criterion-referenced assessment in the analysis of students' errors in various content areas. Mathematics applications subtest covers arithmetic concepts and applications of mathematical principles and reasoning skills to real-life situations. Reading decoding assesses the ability to identify letters and pronounce words of increasing difficulty. The spelling section uses a word list of increasingly difficult words. Mathematics computation assesses skills in solving written computational problems using the four basic operations and also complex computational abilities in areas such as algebra. The comprehensive form may be used as part of a comprehensive psychological or psychoeducational battery, for analyzing strengths and weaknesses, analyzing errors, program planning, research, placement, and personnel selection.

AN ACCESSION NUMBER: TC014239 ETS 8605.
TI TITLE: Johnson O'Connor Research Foundation Number Checking Worksample.
AU INSTITUTIONAL AUTHOR: Johnson O'Connor Research Foundation, Chicago, IL.
YR YEAR: 80.
AV AVAILABILITY: Johnson O'Connor Research Foundation; Human Engineering Laboratory, 161 E. Erie St., Chicago, IL 60611.
TG TARGET AUDIENCE: AGE 12-17, Adults.
NT NOTES:
TIME: 6.
AB ABSTRACT: A measure of the ability to read numbers quickly and accurately. This aptitude is called graphoria. It is useful in a wide variety of clerical and non-clerical occupations such as computer programming, banking and accounting and in coursework in algebra, chemistry and economics. It is part of a large battery of tests administered at various locations nationwide, designed to assist in choosing a career or college major.

AN ACCESSION NUMBER: TC013535 ETS 8405.
TI TITLE: C.U.B.E. Math Mastery Tests.
AU INSTITUTIONAL AUTHOR: Monroe County Community Schools Corp., Bloomington, IN.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED 211 830; 467 pg).
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 400.
AB ABSTRACT: For use in measuring achievement in an adult basic education teaching/learning management system. Tests cover: operations, graphs, algebra, fractions, decimals, percent measurements, formulas, geometry.

AN ACCESSION NUMBER: TC013271 ETS 8410.
TI TITLE: DANTES: Intermediate College Algebra.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
AV AVAILABILITY: Educational Testing Service; Mail Stop 17 P, Princeton, NJ 08540.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90; approx.
ITEMS: 60.
AB ABSTRACT: The DANTES program is a series of secured tests administered by postsecondary institutions to grant credit by examination for education gained outside the classroom. Examinations may be worth from two to six credit hours in a baccalaureate program, baccalaureate upper division program, or a technical program. A minimum score for credit has been established by the American Council on Education. Individual institutions administer examinations, as well as set the fees and schedules. These instruments complement the College Board's College Level Examination Program (CLEP) with several instruments in applied technology. They were originally developed for military personnel. Major areas of assessment include mathematics, social science, physical science, business, foreign language, and applied technology. For each test a fact sheet containing the curriculum specifications of the course, a list of texts on which the test is based and statistical information are available. Qualified administrators and faculty may borrow sample tests for a period of thirty days. This instrument is one of a series assessing knowledge in mathematics. Forms SC and SD of intermediate alegebra are available. Areas assessed include basic operations with numbers and algebraic expressions, radicals and exponents, factoring, substitution, word problems, linear equations, absolute values and inequalities, simplification graphs, and quadratic equations. Use of slide rule or calculator is not permitted.

AN ACCESSION NUMBER: TC013012 ETS 8410.
TI TITLE: National Assessment of Educational Progress, Released Exercises: Mathematics.
DT SUBTESTS: Mathematics in School; Mathematics and Oneself; Mathematics and Society; Mathematics as a Discipline; Experiences in Mathematics; Mathematical Process; Content.
AU INSTITUTIONAL AUTHOR: Education Commission of the States, Denver, CO.
YR YEAR: 83.
AV AVAILABILITY: National Assessment of Educational Progress; Box 2923; Princeton, NJ 08541.
TG TARGET AUDIENCE: AGES 9; 13; 17; 26-35.
NT NOTES:
ITEMS: 227.
AB ABSTRACT: Contains items used in the National Assessment of Educational Progress (NAEP), which conducts yearly surveys of the

knowledge, skills and attitudes of individuals aged 9, 13, 17 and 26-35. All items are in the public domain and may be used to build customized tests. Areas covered are: attitudes toward math; perceptions of self in relation to math, including math anxiety and motivation; attitudes toward the usefulness and importance of math; views of mathematics as a discipline and process; experience with metric system, calculators, computers. Content areas are numbers, numeration, algebra, trigonometry, geometry measurement, probability, and statistics, use of calculator, computer literacy. Not all exercises are used with all age groups.

AN ACCESSION NUMBER: TC013001 ETS 8410.
TI TITLE: Assessment and Placement Services for Community Colleges.
DT SUBTESTS: Reading; Writing; Mathematics; Essay; Student Placement Inventory.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
YR YEAR: 84.
AV AVAILABILITY: Assessment and Placement Services for Community Colleges; Box 2869; Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 105.
AB ABSTRACT: Replaces the Comparative Guidance and Placement Program. Instrument includes a self-scoring answer sheet. The essay section is optional. The Student Placement Inventory covers educational background, college plans and career plans. Mathematics subtest consists of computation and elementary algebra. For students who speak English as a second language, pretesting is available with the Secondary Level English Proficiency Test (TC 010 649) or Preliminary Test of English as a Foreign Language.

AN ACCESSION NUMBER: TC012357 ETS 8410.
TI TITLE: Multiple-Choice Cloze Exercises: Textual Domain, Mathematics, Revised 1977.
DT SUBTESTS: Measurement; History and Numeration; Operations; Sets; Geometry; Advanced Algebra; Trigonometry; Graphing; Number Theory; Analytic Geometry; Linear Algebra; Probability.
AU INSTITUTIONAL AUTHOR: New York State Education Dept., Albany. Div. of Research.
YR YEAR: 77.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED 226 033; 219 pages).
GL GRADE LEVEL: 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 200.
AB ABSTRACT: The "Test Development Notebook" is a resource designed for the preparation of tests of literal comprehension of students in grades 1 through 12. There are a total of 1725 multiple choice

closure exercises in the collection. The exercises have a common multiple choice cloze format; they use passages from domains or types of materials that students read, and the passages are graded by difficulty levels. The Multiple Choice Cloze Exercises: Handbook is available from ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304 (ED 226 028). Instrument consists of 200 items based on material in mathematics texts for grades 3-12. Items are arranged in 24 levels of difficulty.

AN ACCESSION NUMBER: TC012132 ETS 8410.
TI TITLE: Mathematical Problems Solving Tests.
AU AUTHOR: Schoenfield-Alan-H.
YR YEAR: 80.
AV AVAILABILITY: Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
NT NOTES:
ITEMS: 51.
AB ABSTRACT: A measure of a student's approach to solving mathematical problems involving geometric figures and algebra. Student's procedure for solution to problems is graded according to specific criteria. A brief questionnaire to determine student's perception of the problem follows each question.

AN ACCESSION NUMBER: TC011904 ETS 8410.
TI TITLE: New Jersey College Basic Skills Placement Test.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 78.
AV AVAILABILITY: New Jersey Department of Higher Education; Basic Skills Council, 225 W. State St., Trenton, NJ 08618.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 200.
ITEMS: 167.
AB ABSTRACT: Measures basic skills in reading comprehension, writing, computation, and elementary algebra for the placement of students, who have been admitted to colleges, in appropriate courses or course sections. Consists of multiple choice questions and a 20-minute essay. Administered at all New Jersey public and participating private colleges.

AN ACCESSION NUMBER: TC011851 ETS 8410.
TI TITLE: NTE Specialty Area Tests: Mathematics.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 82.
AV AVAILABILITY: NTE Programs, Educational Testing Service; Box 911 P, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.

NT NOTES:
TIME: 120.
AB ABSTRACT: Part of a standardized, secure measure of academic achievement for college students in, or completing, teacher education programs. Used by associations, school systems, state agencies, and institutions, for decisions about the certification and selection of teachers. One of 27 tests measuring understanding of the content and methods applicable to teaching in subject areas. This test covers the content areas of: numeration systems, concepts, and structures; algebra; arithmetic; measurement; geometry, trignometry; probability and statistics and calculus.

AN ACCESSION NUMBER: TC011507 ETS 8410.
TI TITLE: Comprehensive Testing Program II, Levels 3, 4 and 5
DT SUBTESTS: Verbal Aptitude; Quantitative Aptitude; Mathematics Concepts; Mathematics Computation; Vocabulary; Reading Mechanics of Writing; English Expression; Algebra; Geometry; General Mathematics.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 82.
AV AVAILABILITY: Educational Records Bureau; Box 619; Princeton, NJ 08541.
GL GRADE LEVEL: 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 300.
ITEMS: 440.
AB ABSTRACT: Levels 3, 4 and 5 consist of an achievement and an aptitude test. The aptitude test is designed to predict academic performance and has a verbal and quantitative section. An accompanying achievement battery covers: reading, mathematics concepts and computation (levels 3 and 4), Algebra (levels 4 and 5), geometry and general mathematics (level 5), vocabulary, mechanics of writing and English expression. Provides norms for use with independent schools and suburban schools as well as national norms.

AN ACCESSION NUMBER: TC011441 ETS 8410.
TI TITLE: EDS Diagnostic Skill Level Inventory For Mathematics.
DT SUBTESTS: Basic Functions; Algebra; Geometry; Applications.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 75.
AV AVAILABILITY: Educational Diagnostic Services; 2370 County Road 13, Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 60.
ITEMS: 40.
AB ABSTRACT: Developed to diagnose the strengths and weaknesses of adult students at the high school level. Each inventory allows

diagnosis of functional weaknesses within that academic discipline in order to concentrate on specific problems between the 9 to 12 equivalent grade levels. Can be used for predictive assessments for passing the new General Educational Development Tests (GED).

AN ACCESSION NUMBER: TC011436 ETS 8410.
TI TITLE: Orleans-Hanna Algebra Prognosis Test (Revised).
AU AUTHOR: Hanna-Gerald-S; Orleans-Joseph-B.
YR YEAR: 82.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-0952.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 60; approx.
ITEMS: 60.
AB ABSTRACT: Designed to identify before instruction begins, those students who may achieve relative success in an algebra course and those most likely to encounter difficulties. Test is useful for counseling, selecting, and grouping algebra students. Test is structured to tap selected aspects of three important variables, aptitude, achievement, and interest and motivation.

AN ACCESSION NUMBER: TC011373 ETS 8410.
TI TITLE: Annual High School Mathematics Examination.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, D.C.
YR YEAR: 81.
AV AVAILABILITY: M.A.A. Committee on High School Contests; University of Nebraska, Lincoln, NE 68508.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
TIME: 90.
ITEMS: 30.
AB ABSTRACT: Multiple-choice examination, based on precalculus mathematics, with emphasis on algebra and geometry. Results are used to identify students who possess unusual mathematical ability. Students compete for both individual and school awards. New forms published annually.

AN ACCESSION NUMBER: TC011197 ETS 8410.
TI TITLE: ORBIT: Objectives Referenced Bank of Items and Tests - Mathematics.
DT SUBTESTS: Operations with Whole Numbers; Operations with Fractions; Operations with Rational Numbers (Fractions or Decimals); Operations with Decimals and Money; Operations with Integers; Number and Numeration; Number Theory; Number Sentences (Equalities and Inequalities); Number Properties; Set Theory; Geometry; Common Scales (Time, Money, Temperature; Measurement;

Word Problems; Ratio, Proportion, Per Cent; Probability and Statistics; Algebra.
AU INSTITUTIONAL AUTHOR: CTB/McGraw-Hill, Monterey, Calif.
YR YEAR: 80.
AV AVAILABILITY: CTB/McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 2324.
AB ABSTRACT: Objectives with up to four accompanying test items designed for use in the development of multiple choice criterion-referenced tests. Objectives are selected by the user. Tests are constructed by the publisher. To provide prescriptive information, objectives are keyed to mathematics texts. For information on Reading and Communication and Social Studies items see TC011196 and 011198.

AN ACCESSION NUMBER: TC010251 ETS 8410.
TI TITLE: Test for Analytical Cognition of Mathematical Content.
AU AUTHOR: Cangelosi-James-S.
YR YEAR: 71.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 40.
AB ABSTRACT: Designed to measure the cognitive processes involved in analyzing numerical and algebraic mathematical situations. Difficulty level is suitable for students who have completed one algebra course.

AN ACCESSION NUMBER: TC008588 ETS 8410.
TI TITLE: College-Level Examination Program: Subject Examination in College Algebra-Trigonometry.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 81.
AV AVAILABILITY: College Level Examination Program; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
TG TARGET AUDIENCE: ADULTS.
NT NOTES:
TIME: 90.
ITEMS: 80.
AB ABSTRACT: CLEP enables both traditional and nontraditional students to earn college credit by examination. Tests are updated periodically. The examination contains two sections, each consisting of forty multiple choice questions. One section is exclusively college algebra, the other trigonometry. A single score is based on the entire examination.

AN ACCESSION NUMBER: TC008587 ETS 8410.
TI TITLE: College Level Examination Program: Subject Examination in College Algebra.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 81.
AV AVAILABILITY: College Level Examination Program; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
TG TARGET AUDIENCE: ADULTS.
NT NOTES:
TIME: 90.
ITEMS: 80.
AB ABSTRACT: CLEP enables both traditional and nontraditional students to earn college credit by examination. Tests are updated periodically. Examination is about equally divided between questions that require solution of straightforward problems and those which require candidate to demonstrate the understanding of concepts or to apply concepts or skills to unfamiliar situations. Areas covered include basic algebraic operations, real number system, sets, equations, complex numbers and mathematicsl induction.

AN ACCESSION NUMBER: TC008236 ETS 8410.
TI TITLE: Mathematics Aptitude Test: RG-2.
AU AUTHOR: Ekstrom-Ruth-B; And Others.
YR YEAR: 76.
AV AVAILABILITY: Educational Testing Service; R 122; Princeton, NJ 08541.
GL GRADE LEVEL: 11; 12; Higher Education.
NT NOTES:
TIME: 20.
ITEMS: 30.
AB ABSTRACT: The Kit of Factor Referenced Cognitive Tests consists of seventy two cognitive tests intended as markers for twenty three aptitude factors to which they are referenced. The factors assessed are Flexibility of Closure, Speed of Closure, Verbal Closure, Associational Fluency, Expressional Fluency, Figural Fluency, Ideational Fluency, Word Fluency, Induction, Integrative Process, Associative Memory, Memory Span, Visual Memory, Number, Perceptual Speed, General Reasoning, Logical Reasoning, Spatial Orientation, Spatial Scanning, Verbal Comprehension, Visualization, Figural Flexibility, and Flexibility of Use. The kit is designed for research purposes. Multiple Choice test of word problems requiring arithmetic or very simple algebraic concepts for solution. One of three instruments designed to measure general reasoning, the ability to select and organize relevant information for the solution of a problem.

AN ACCESSION NUMBER: TC003303 ETS 8410.
TI TITLE: College Board Achievement Tests in Mathematics, Level II.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 80.
AV AVAILABILITY: Admissions Testing Program; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 60; approx.
ITEMS: 50.
AB ABSTRACT: Assesses knowledge of specific subject area. Designed as part of the Admissions Testing Program (ATP) administered by the College Board to high school juniors and seniors. Many colleges require the tests for admission and some use the results for placement. Test specifications are revised periodically. Level II test overlaps that of Level I but is narrower in scope. Composed of algebra, geometry (including both coordinate and synthetic in two and three dimensions), trigonometry, functions, and a miscellaneous category. Stresses aspects of mathematics that are prerequisites for a course in calculus.

AN ACCESSION NUMBER: TC003302 ETS 8410.
TI TITLE: College Board Achievement Tests in Mathematics, Level I.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 80.
AV AVAILABILITY: Admissions Testing Program; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 11; 12.
NT NOTES:
TIME: 60; approx.
ITEMS: 50.
AB ABSTRACT: Assesses knowledge of specific subject area. Designed as part of the Admissions Testing Program (ATP) administered by the College Board to high school juniors and seniors. Many colleges require the tests for admission and some use the results for placement. Test specifications are revised periodically. Broad range cumulative test based on topics usually covered in a college preparatory mathematics sequence. Major emphasis is on algebra and plane Euclidean geometry. Other areas include coordinate geometry, trigonometry, functions and functional notation for composition and inverse, space perceptions of simple solids, mathematical reasoning and the nature of proof.

AN ACCESSION NUMBER: TC003045 ETS 8410.
TI TITLE: National Achievement Tests: Algebra Test For Engineering And Science.
DT SUBTESTS: Manipulation Of Algebraic Symbols; Understanding Of Algebraic Notation.
AU AUTHOR: Lonski-A-B.
YR YEAR: 61.

AV AVAILABILITY: Psychometric Affiliates; Box 807, Murfreesboro, TN 37133.
GL GRADE LEVEL: 9; 10; 11; 12; Higher Education.
NT NOTES:
TIME: 80.
ITEMS: 65.
AB ABSTRACT: Designed to represent the basic fundamentals of Intermediate Algebra in high school or college. Could be used for college entrants to engineering schools or colleges, technical schools, or high school students.

AN ACCESSION NUMBER: TC002720 ETS 8410.
TI TITLE: College-Level Examination Program: General Examination in Mathematics.
DT SUBTESTS: Skills and Concepts; Content.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, N.J.
YR YEAR: 81.
AV AVAILABILITY: College Level Examination Program; Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: Higher Education.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 90.
ITEMS: 90.
AB ABSTRACT: CLEP enables both traditional and nontraditional students to earn college credit by examination. Questions in Part B are more directly related to a college-level course than those in Part A. The score on Part B is counted twice in determining total score. Tests are updated periodically.

AN ACCESSION NUMBER: TC002137 ETS 8410.
TI TITLE: National Achievement Tests: First Year Algebra Test.
AU AUTHOR: Webb-Ray-Hlavaty-Julius-H.
YR YEAR: 62.
AV AVAILABILITY: Psychometric Affiliates; Box 807, Murfreesboro, TN 37133.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 40.
ITEMS: 48.
AB ABSTRACT: Designed to measure a student's achievement in first year algebra and his or her ability to apply this knowledge. Comes in two forms: Form A is copyrighted 1962; Form B, 1959.

AN ACCESSION NUMBER: TC865023 ETS 8705.
TI TITLE: New Zealand Item Bank: Mathematics, Level 7.
AU INSTITUTIONAL AUTHOR: New Zealand Education Department, Wellington.
YR YEAR: 81.
AV AVAILABILITY: Australian Council for Educational Research; P.O. Box 210; Hawthorn, Victoria 3122; Australia.
GL GRADE LEVEL: 7; 8; 9.
AB ABSTRACT: A collection of approximately 500 multiple-choice items relating to 8 subcategories of mathematics. Items are described as being free from ambiguities, inconsistencies, and other faults. Information is provided about the likely difficulty of each item. Also indicated is the kind of ability each item is intended to assess (recall, computation, understanding, or application). Can be used for compiling classroom tests, for individualized testing or for diagnostic testing. The subcategories are Sets, Numbers and Operations; Integers; Numeration and Measurement; Algebraic Processes; Relations and Graphs; Statistics and Probability; Geometry.

AN ACCESSION NUMBER: TC810582 ETS 8510.
TI TITLE: Chelsea Diagnostic Mathematics Tests.
AU AUTHOR: Hart-Kathleen; And Others.
YR YEAR: 85.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berks SL4 1DF, England.
TG TARGET AUDIENCE: AGE 9-15.
AB ABSTRACT: Designed to assess the level of understanding of 9 to 15 year olds in nine key mathematical areas: algebra, fractions, graphs, measurement, number operations, place value and decimals, ratio and proportions, reflection and rotation, and vectors. Diagnosis of test results gives detailed information which can be used to plan courses, lessons, and individual work; gauge the effectiveness of completed courses; and assess pupils' approaches to problem solving. Tests include both open-ended and multiple-choice items.

AN ACCESSION NUMBER: TC810571 ETS 8405.
TI TITLE: City and Guilds of London Institute: Test of Communication Skills and Numeracy.
AU INSTITUTIONAL AUTHOR: City and Guilds of London Institute, London England.
AV AVAILABILITY: City and Guilds of London Institute; 76 Portland Place, London W1N 4AA, England.
TG TARGET AUDIENCE: Adults.
AB ABSTRACT: This test is one of 150 developed by this private testing institute. An acceptable score results in a certificate which is

presented by test takers to prospective employers as evidence of the test taker's skill in a particular area. The examination covers: understanding written and graphic communication and producing same: arithmetic and operations; algebra and geometry.

AN ACCESSION NUMBER: TC810439 ETS 8304.
TI TITLE: Secondary Mathematics Item Bank.
AU AUTHOR: Purushothaman-M.
YR YEAR: 75.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berkshire SL4 1DF, England.
TG TARGET AUDIENCE: AGE 11-17.
NT NOTES:
ITEMS: 186.
AB ABSTRACT: Designed as a resource for mathematics teachers in British secondary schools by providing them with a wide range of items arranged so that they can choose appropriate questions in accordance with the students' experience and with their own teaching curriculum. Includes information for each item regarding the level of difficulty, classification by educational objectives, and content category. Covers numbers, number operations, fractions, decimals, algebra, sets, statistics, graphs, symmetry, algebraic method in geometry, and properties of figures.

AN ACCESSION NUMBER: TC810351 ETS 8304.
TI TITLE: Basic Mathematics Test DE.
DT SUBTESTS: Sets; Relations; Representation; Operations.
AU INSTITUTIONAL AUTHOR: National Foundation For Educational Research In England and Wales, London.
YR YEAR: 71.
AV AVAILABILITY: NFER-Nelson Publishing Co.; Darville House, 2 Oxford Road East, Windsor SL4 1DF, Berkshire, England.
TG TARGET AUDIENCE: AGE 10-12.
NT NOTES:
TIME: 50; approx.
ITEMS: 55.
AB ABSTRACT: Designed to measure student's knowledge of various mathematical ideas and skills, -- symmetry, tabulation, fractions, elementary algebra, basic spatial ability, inequalities, graphical representation, area, etc. While not timed, most students should finish in 50 minutes. The results may be used to determine the student's level of attainment, to compare students with each other, and to provide diagnostic information concerning the student's strengths and weaknesses.

AN ACCESSION NUMBER: TC800226 ETS 8304.
TI TITLE: Library of Test Items: Mathematics, Volume I.
DT SUBTESTS: Number Theory; Fractions, Decimals; Percentages; Ratio, Rates; Surds, Indices, Logarithms; Basic Algebra.
AU INSTITUTIONAL AUTHOR: New South Wales Dept. of Education, Sydney (Australia).
YR YEAR: 78.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED 218 299; 94 pages).
GL GRADE LEVEL: 7; 8; 9; 10.
AB ABSTRACT: One of a series of test item collections developed by the Assessment and Evaluation Unit of the Directorate of Studies. Designed for use by secondary school teachers for the construction of tests or as the basis for classroom discussions. Volume One in the Mathematics Library of Test Items includes items related to the areas of number theory; fractions and decimals; percentages; ratio and rates; surds, indices, and logarithms; and basic algebra.

ETS TEST COLLECTION VIA INTERNET

The ERIC Clearinghouse on Assessment and Evaluation has mounted on its gopher site a database to help locate tests. This database can be used by accessing the gopher at the address: GOPHER.CUA.EDU. The ERIC/ETS Test Collection is located under: Special Resources/ ERIC Clearinghouse on Assessment and Evaluation/ Test Locator/.

To search the database, enter keywords from the title or descriptors. For example, if you would like to search for tests on oral language proficiency, you could type in all three words, or oral and proficiency. You may get slightly different results, but you will have information on a lot of tests to look at. If you know the title of the test, the best way to search is to use the main words in the title, not necessarily all of the words in the title. If you are looking for the Wechsler Intelligence Scale for Children-Revised, the most efficient way to search is with the words Wechsler, intelligence, and children.

INTRODUCTION TO THE ETS TEST COLLECTION

The Educational Testing Service (ETS) Test Collection database contains records on over 9,500 tests and research instruments. These records describe the instruments and provide availability information. The Test Collection encompasses virtually all fields from vocational interest inventories for adults to instruments that measure shyness or predict recidivism in released criminal offenders, to assessment of managerial style, as well as education-related achievement and aptitude tests. The test descriptions are indexed with ERIC Thesaurus terms for subject accessibility.

This is a joint project of ETS and ERIC_AE. ETS Library and Reference Services Division prepares the descriptions. ERIC_AE maintains the database and hosts the Search System. ERIC_AE has also begun to put ETS prepared test descriptions into the ERIC *Resources in Education* database. About 15 descriptions are added each month.

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You may download individual and small groups of test descriptions and you may point to this service from any Gopher Site.

WHAT KIND OF TEST ARE DESCRIBED?

The Test Collection database collects a variety of instruments: achievement tests, aptitude tests, personality measures, attitude measures, career/vocational interest measures, occupational tests such as nursing or sales skills inventories. Many research instruments are collected as well as tests from commercial publishers.

WHAT INFORMATION IS AVAILABLE ABOUT THE TESTS?

The title, author, publication date and source appear in the record. An abstract describing the instrument, intended population, and uses accompanies the record. Subject terms give the age and grade level information as well as ERIC Thesaurus terms that describe the test.

DOES THE TEST COLLECTION DATABASE REVIEW THE TESTS?

No, other reference guides such as Mental Measurements Yearbooks, Tests: A Comprehensive Reference for Assessments in Psychology, Education, and Business, and Test Critiques distributed by Pro-Ed fill that role. You can search the tables of contents for the MMY and Test Critiques through the ERIC_AE Gopher Site.

ARE ALL THE TESTS IN THE DATABASE CURRENTLY IN PRINT?

No, some of the items are out of print. We suggest contacting the publisher for permission to use out-of-print materials. Phone numbers can be located using another menu option on the ERIC_AE Gopher Site.

WHERE CAN I SEE THE ACTUAL TEST INSTRUMENTS?

Availability information is provided in the records. Many colleges and universities have test collections in their libraries. Talk to you local librarian for more information.

WHAT IS TESTS IN MICROFICHE?

Tests in Microfiche is a subcollection of unpublished research instruments that are available for purchase in microfiche from the ETS Test Collection. The collection includes instruments appropriate for diverse populations (infants, learning disabled, adults, etc.) Each set spans a wide range of topics such as job satisfaction and attitudes towards school. More than 800 tests are available.

DOES THE TEST COLLECTION PROVIDE REFERENCE SERVICES?

No, the descriptive information in the database should help answer most questions people may have. And the publisher of the particular test is the most competent source of information. You can, however, route general inquiries to ERIC_AE@CUA.EDU.

Ask_AE@cua.edu
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